**Advanced Wood Technologies**

**October 15, 2013**

**Assigned Material Project**

This Assignment is intended to reflect the knowledge for diverse woods and their uses. This project will require research and documentation of your findings in the form of a reflection of those findings and summaries of your reason for the project design.

**Concept-**

Design and build a project reflecting and using the unique qualities and properties of that species of wood.

**Research-**

Find all the specifics about the wood species assigned. Use your findings in the both design, construction and paper reflection (should be a page in length, must describe the wood and its properties and how you plan to incorporate these properties into the project you have selected)

**Design-**

It must be made primarily of wood and incorporate a majority of your assigned wood.

It must be unique in design some way, not an exact copy of another plan.

**Methods-**

You must design, produce a WORKING DRAWING (CAD, Inventor, board drafting), generate a CUT LIST and ESTIMATE the amount of material in board feet. The construction of the project should be outlined in a method of construction documents, listing steps and procedures. (This is part of the submittal requirements)

**Evaluation and Grading**

**Your Product will be graded based on:**

**25 pts. Complexity**

**25 pts. Planning/Estimation**

**100 pts. Manufacturing-production and safety methods considered.**

**25 pts. Appearance/Finish**

**25 pts. Reflection/write up**

**200 points possible**

**Progress Due Dates:**

**Mon, October 28th Project Drawing**

**Wed, October 30th Project Material List and Cut List**

**Friday, Dec 6th Project Completed/Finishing Started**

**Friday, Dec 20th Project Due Date**